

**ABSTRACT**

The present invention relates to a method of inhibiting the proliferation of tumor cells using antisense polynucleotides or oligonucleotides. Tumor cells having a highly glycolytic phenotype can be inhibited with an antisense molecule that hybridizes with a nucleic acid encoding a hexokinase. The present invention also relates to recombinant nucleic acid molecules useful for regulating transcription and translation and which can contain an antisense molecule. The present invention also relates to pharmaceutical preparations containing antisense molecules.

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